

READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# 66-3156) GM [Tie rod kit](#), Installation Instructions
1999-2006 Chevy 6 lug 2-4WD 1/2 ton
2000-2009 Chevy 8 lug 2-4WD 1500/2500 HD & Hummer H2

Please read instructions thoroughly and completely before beginning installation.

Installation by a trained mechanic is recommended.

SAFETY WARNING: ReadyLift Suspension Inc. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

PRODUCT SAFETY WARNING: Modifying your vehicle ride height may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. ReadyLift Suspension Inc. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices. You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

Pre-Installation Notes

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of ReadyLift Suspension Inc. components. **Always wear safety glasses** when using power tools.
6. If installation is to be performed without a hoist, ReadyLift aSuspension Inc. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Headlight adjustment is highly recommended.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

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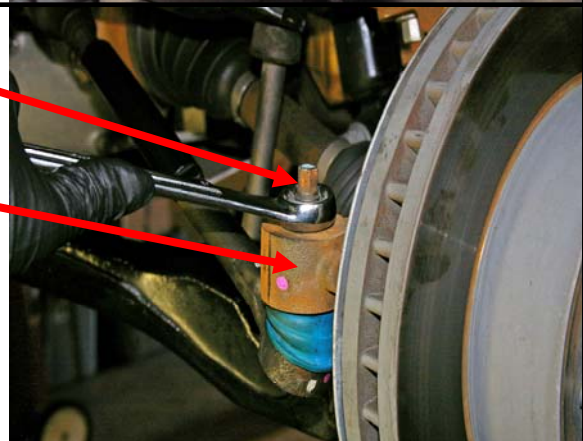
Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground. Use a minimum 3 ton jack stands and place under frame for safety or a (2) two post lift if available. Make sure that the emergency brake is on and the rear wheels are blocked to prevent a rollout.

1) Break loose the Factory 21mm steering tie rod jamb nut (clockwise). Spin the nut up approx 1/2 inch. Then use a permanent marker on the thread of the steering shaft. This will be a reference point showing how far up to thread the ReadyLift support tube.
Save this nut later only for returning the vehicle to stock.



2) Next remove the tie rod ball joint 22mm nut (counter clockwise) Save it you will re-install it later.

2 A) after the nut is removed you will need to break loose the ball joint from the spindle. In most cases you will need to hit the spindle portion that the ball joint connects to with a few good hits. This will cause the ball joint to pop free. Be careful to not hit the ball joint or any threads.



3) Pull the ball joint down and twist it away from the spindle.

3 A) Unthread the Factory steering ball joint end (counter clockwise). Before removing the Factory jamb nut clean off the threads of any grease with a shop rag this will prevent your mark on the steering shaft from being removed.

3 B) Unthread the factory steering rod jamb nut and remove.



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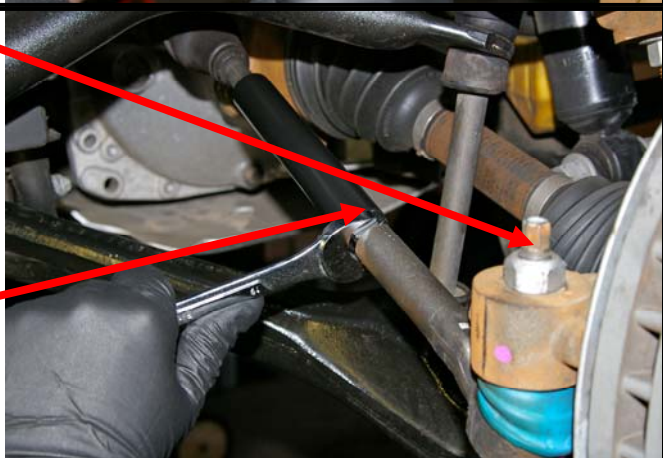
4) Thread on the ReadyLift Tie Rod Support tube (clockwise) until you can see the marking on the steering shaft threads that was made back at Item (1). After you see them adjust the support tube until the mark is at the edge of the nut side.



5) While holding the support tube with one hand making sure not to move it and lose the location, install your factory tie rod steering ball joint end (clockwise) until it meets up with the ReadyLift support tube. lock them together hand tight while positioning the ball joint threaded end pointed up to fit back into the spindle.



6) install the ball joint into the spindle and thread on the Factory 22mm nut flat surface down and torque to factory specs. You may need a small open end wrench to hold the ball joint shaft from spinning while tightening the 22mm nut.



6 A) Use a 19mm open end wrench and tighten the ReadyLift support tube (counter clockwise) tighten to factory specs.

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Wheel Alignment; a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment.

*It is recommended that you have your vehicle's alignment checked whenever installing suspension parts.

*It is also recommended that you adjust your headlights whenever your vehicle's ride height is altered.



Before ReadyLift® Tie Rod Support Kit

After ReadyLift® Tie Rod Support Kit

Vehicle Handling Warning

Vehicles with larger wheels and tires will handle differently than stock vehicles.

Take time to familiarize yourself with the handling of your vehicle.

DRIVE SAFELY and WEAR YOUR SEATBELT.

Installation Warning

Always wear proper safety equipment and use the correct tools when installing any suspension upgrade. Make sure vehicle is on a flat surface and you are using jack stands or a lift rated for the weight of the vehicle.

Warning! This ReadyLift® Tie Rod Support Kit is designed and engineered to add strength to a stock vehicle steering rod shaft with no prior modifications. The use of this kit along with items such as rear lift blocks or spacers, add-a-leafs, airbags, suspension lifts, body lifts or any other type of lifting accessory shall be done at the vehicle owners risk and will void any and all warranties in effect or implied by ReadyLift®.